

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092925\
 Data File : VW032288.D
 Acq On : 29 Sep 2025 09:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

10/03/2025
 Supervised By : Mahesh
 Dadoda

Quant Time: Sep 30 02:29:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.959	168	268675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	467141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	421624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	216076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	189828	44.746	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	89.500%
35) Dibromofluoromethane	7.898	113	158830	47.277	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	94.560%
50) Toluene-d8	10.325	98	575073	47.496	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	95.000%
62) 4-Bromofluorobenzene	12.617	95	227412	49.794	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	75877	40.876	ug/l	100
3) Chloromethane	2.259	50	109875	41.361	ug/l	95
4) Vinyl Chloride	2.405	62	136837	44.086	ug/l	99
5) Bromomethane	2.826	94	91965	43.391	ug/l	92
6) Chloroethane	2.972	64	91616	43.559	ug/l	96
7) Trichlorofluoromethane	3.301	101	93341	39.912	ug/l	96
8) Diethyl Ether	3.722	74	96673	43.716	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	137054	45.912	ug/l	98
10) Methyl Iodide	4.314	142	188858	46.775	ug/l	99
11) Tert butyl alcohol	5.228	59	74772	253.914	ug/l	100
12) 1,1-Dichloroethene	4.082	96	147441	46.206	ug/l	97
13) Acrolein	3.929	56	89741	171.220	ug/l	98
14) Allyl chloride	4.698	41	239390	48.340	ug/l	99
15) Acrylonitrile	5.405	53	271860	238.703	ug/l	99
16) Acetone	4.161	43	242573	222.649	ug/l	99
17) Carbon Disulfide	4.417	76	340239	46.374	ug/l	99
18) Methyl Acetate	4.704	43	222255	59.315	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	293604	49.638	ug/l	98
20) Methylene Chloride	4.954	84	183003	45.854	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	161722	47.000	ug/l	95
22) Diisopropyl ether	6.338	45	551529	50.120	ug/l	97
23) Vinyl Acetate	6.283	43	1749173	247.085	ug/l	98
24) 1,1-Dichloroethane	6.240	63	325437	46.849	ug/l	98
25) 2-Butanone	7.191	43	373319	245.835	ug/l	96
26) 2,2-Dichloropropane	7.185	77	168640	49.265	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	201703	47.131	ug/l	98
28) Bromochloromethane	7.526	49	155963	47.052	ug/l #	98
29) Tetrahydrofuran	7.551	42	247647	251.198	ug/l	98
30) Chloroform	7.685	83	336700	46.455	ug/l	91
31) Cyclohexane	7.971	56	251157	45.851	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	233427	47.806	ug/l	98
36) 1,1-Dichloropropene	8.093	75	229284	50.622	ug/l	99
37) Ethyl Acetate	7.270	43	151660	50.487	ug/l	100
38) Carbon Tetrachloride	8.081	117	218438	51.261	ug/l	98
39) Methylcyclohexane	9.343	83	267298	51.002	ug/l	98
40) Benzene	8.337	78	711714	49.920	ug/l	100

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41) Methacrylonitrile	7.496	41	90924	52.850	ug/l	96
42) 1,2-Dichloroethane	8.410	62	230706	48.683	ug/l	100
43) Isopropyl Acetate	8.435	43	285674	53.127	ug/l	98
44) Trichloroethene	9.099	130	161959	48.601	ug/l	99
45) 1,2-Dichloropropane	9.374	63	182651	49.465	ug/l	98
46) Dibromomethane	9.465	93	110775	48.794	ug/l	99
47) Bromodichloromethane	9.648	83	264163	51.016	ug/l	98
48) Methyl methacrylate	9.441	41	135950	53.740	ug/l	98
49) 1,4-Dioxane	9.459	88	33030	1086.319	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	847818	265.923	ug/l	98
52) Toluene	10.392	92	443327	50.170	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	252066	53.132	ug/l	97
54) cis-1,3-Dichloropropene	10.081	75	284928	52.022	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	149223	48.154	ug/l	95
56) Ethyl methacrylate	10.648	69	221823	54.343	ug/l	99
57) 1,3-Dichloropropane	10.934	76	263928	49.301	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	608876	271.730	ug/l	100
59) 2-Hexanone	10.971	43	590687	271.306	ug/l	98
60) Dibromochloromethane	11.129	129	176856	51.967	ug/l	99
61) 1,2-Dibromoethane	11.233	107	144351	49.168	ug/l	100
64) Tetrachloroethene	10.861	164	128984	50.200	ug/l #	91
65) Chlorobenzene	11.654	112	487313	50.177	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	163026	53.078	ug/l	99
67) Ethyl Benzene	11.727	91	853905	53.716	ug/l	99
68) m/p-Xylenes	11.837	106	639810	104.995	ug/l	98
69) o-Xylene	12.166	106	308080	53.795	ug/l	100
70) Styrene	12.178	104	548303	54.596	ug/l	99
71) Bromoform	12.349	173	98017	54.762	ug/l #	98
73) Isopropylbenzene	12.458	105	786889	52.322	ug/l	100
74) N-amyl acetate	12.269	43	259511	54.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	195317	49.534	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	144253m	48.526	ug/l	
77) Bromobenzene	12.745	156	184851	49.972	ug/l	90
78) n-propylbenzene	12.800	91	994588	52.650	ug/l	100
79) 2-Chlorotoluene	12.891	91	595261	52.018	ug/l	95
80) 1,3,5-Trimethylbenzene	12.940	105	689618	53.634	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	64829	56.645	ug/l	99
82) 4-Chlorotoluene	12.989	91	622181	51.445	ug/l	99
83) tert-Butylbenzene	13.202	119	579281	53.870	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	687968	52.698	ug/l	99
85) sec-Butylbenzene	13.379	105	861115	53.327	ug/l	100
86) p-Isopropyltoluene	13.489	119	716321	53.563	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	353632	48.331	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	374202	50.062	ug/l	95
89) n-Butylbenzene	13.818	91	702793	52.364	ug/l	99
90) Hexachloroethane	14.086	117	134713	54.047	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	343285	50.154	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	35804	53.086	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	215775	53.138	ug/l	90
94) Hexachlorobutadiene	15.226	225	99085	53.131	ug/l	86
95) Naphthalene	15.360	128	520310	53.387	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	190054	50.335	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

